

REMARKS

Reconsideration and allowance are respectfully requested.

The applicant's priority document is being submitted herewith under separate cover.

When with respect to the objection to the drawings, claims 9 and 12 are now canceled.

The specification has been amended both to insert the suggested headings and to refer to the prior art figure of sheet one of the drawings by its new number, namely, Figure 5.

Claim 4 has been amended to satisfy the point raised by the Examiner.

Turning to the rejection of claims 1-3, 5-8 and 10-11 in view of the patent to Broadhead, claim 1 has been amended to clearly distinguish the present invention from the arrangement of the cited reference. In Broadhead, fences 29 are provided on the surface of the shroud of the blade 23. Cooling outlets 30 are positioned along the edge of the surface 23 to dispense cooling air over diagonally extending ribs 31 which serve a completely different function which is directly contrary to what is sought to be achieved by the structure of the present invention. Specifically, the "turbulator ribs" produce turbulence, as set forth at column 3 of the Broadhead patent, in the cooling airflow to enhance heat exchange between the cooling air and the shroud 23. There is no desire to provide a strata layer as expressly claimed in the present case nor are the fences 29 configured to cooperate with the turbulence inducing ribs 31.

Turning to the rejection of claims 1-2, 5-7 and 9-12 as anticipated by the patent to Eisworth, these rejections are respectfully traversed particularly in view of the amendment to claim 1 set forth above. In the Eisworth, a tip for a rotor blade is disclosed which includes a plurality of air outlets which are and associated with an abrasive material at various radial distances from a base portion of the blade. Again, there is no disclosure of any structure corresponding to flow entrainment fins arranged and configured to create flow channels along which any coolant can flow to create a layer strata that is isolated from turbulent air created by the shroud or leading edge of the blade tip. Instead, in this

reference, all of the cooling apertures appear to direct the cooling flow substantially radially outwardly into the turbulence created by the blade tip.

Having addressed all of the points raised in the Office action, it is believed that the application is now entitled to favorable treatment and this is earnestly solicited.

Respectfully submitted,



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